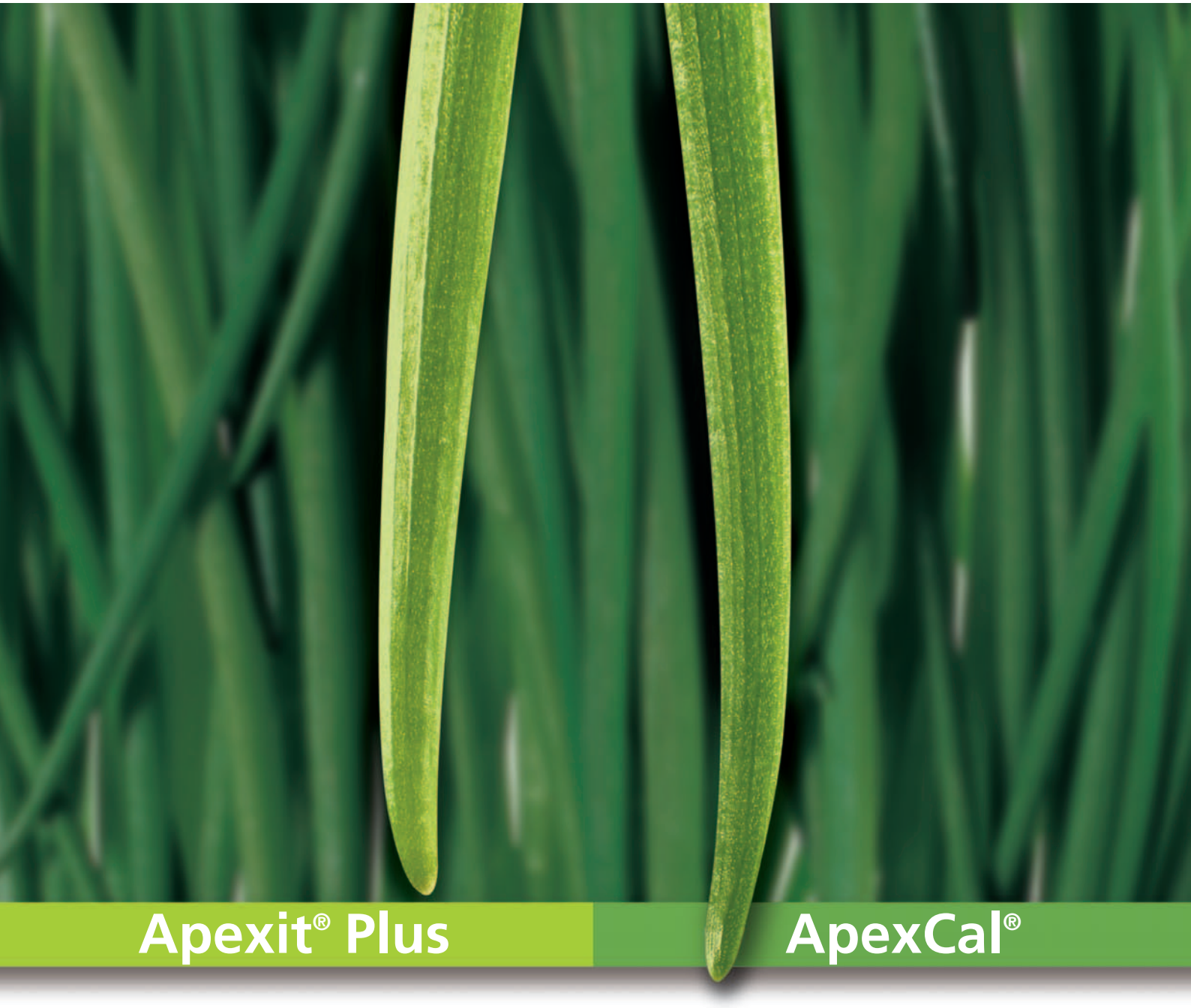
For a **natural** balance



Apexit® Plus

Calcium hydroxide-based root canal sealer
for the permanent filling of root canals

ApexCal®

Creamy calcium hydroxide paste
for temporary disinfectant dressings

ivoclar vivadent®

Apexit® Plus

Calcium hydroxide-based root canal sealer

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Apexit Plus is a new non-shrinking, radiopaque root canal sealer containing calcium hydroxide. It is suitable for the permanent filling of root canals according to all the different obturation techniques using gutta percha.

Apexit Plus is the further development of the proven Apexit sealer that has been rated positive in many studies.

Excellent tissue compatibility

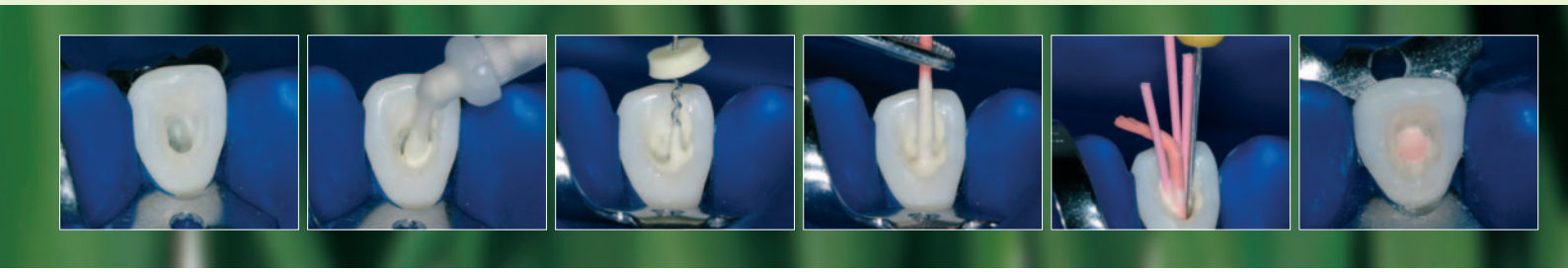
Apexit Plus is free from formaldhyde as well as from pharmaceutical substances, such as corticoids and antibiotics. Therefore, apical inflammation is not masked by antiphlogistic and immunosuppressive effects.

Because of the excellent tissue tolerance of Apexit Plus, a biological balance is re-established around the tooth after the root canal treatment.

Wrbas, K. T., Kielbassa, A. M., Hellwig, E; Das Wasseraufnahmeverhalten verschiedener Wurzelkanalsealer, Dtsch Zahnärztl Z 53, 146 [1998]

Limkangwalmongkol, S., Burtscher, P., Abbott, P. V., Sandler, A. B., Bishop, B. M.: A comparative study of the apical leakage of four root canal sealers and laterally condensed gutta-percha. J Endod 17, 495 [1991]

Beer, R., Baumann, M. A.; Klinische Untersuchung der Guttapercha-wurzelkanalfüllung mit Apexit als Sealer. Zahnärztl Welt 103, 365 [1994]



Starting situation

Direct application of Apexit Plus using an Intra Canal Tip

Application of Apexit Plus using a lentulo spiral

Insertion of the gutta percha points

Condensation of the gutta percha points using a spreader

Obturated root canal

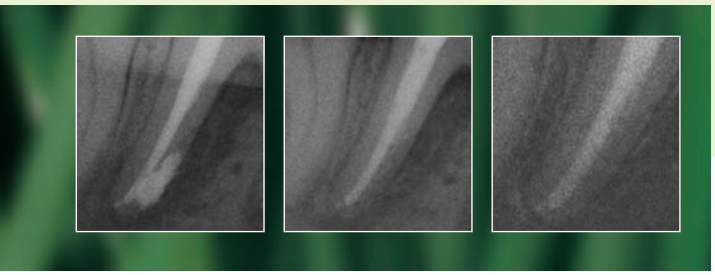
ystem
natural balance

Permanent seal

Because of its outstanding flow characteristics, Apexit Plus can also be used if the canal morphology is unfavourable. Furthermore, the slight expansion and the very limited solubility of Apexit Plus allow the root canal system to be permanently sealed.



- Because of its excellent flow properties, Apexit Plus can be used even if the canal morphology is unfavorable.
- As a result of the slight setting expansion, the root canal is completely sealed.



Radiographic status directly after oburation

Radiographic status about 2 months after obturation

Radiographic status about 12 months after obturation

The radiopacity of approx 400 %Al facilitates routine examinations of endodontically treated tooth.

Practical application

Apexit Plus is supplied in a convenient automix syringe. Manual mixing is no longer necessary and the material is always available in an optimally mixed consistency.

The Intra Canal Tips allow Apexit Plus to be directly applied to the coronal third of the root canal.

At room temperature and under normal conditions of humidity, mixed Apexit Plus can be used for up to three hours. Therefore, the material has to be mixed only once, even if several canals have to be obturated at the same time.



ApexCal®



Exceptional characteristics

ApexCal has a strong bactericidal effect because of its high pH of 12.5.

The high radiopacity of 400 %Al facilitates the radiological examination during root canal treatment.

ApexCal®

Calcium hydroxide paste for temporary antibacterial dressings



ApexCal is the new creamy calcium hydroxide paste for temporary disinfectant dressings in the obturation of root canals.

ApexCal can also be used in indirect and direct pulp capping.

Direct application

The ready-to-use ApexCal can be directly applied into the canal in very little time using the enclosed tips. Because of its creamy consistency, ApexCal can also be picked up with lentulo spirals and spun into the canal.

ApexCal does not set while it is in place.
Therefore, it is easy to remove.



Direct application of ApexCal with a tip

Application of ApexCal with a lentulo spiral

Rinsing out of the temporary ApexCal dressing

Apexit® Plus

ApexCal®

Delivery form

Refill
2 double push syringes, 6 g each
15 mixing tips

Refill Mixing Tips
15 mixing tips

Refill Intra Canal Tips
15 Intra Canal Tips



Refill
2 syringes, 2.5 g each
15 application tips

Refill Tips
15 application tips



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598301/1005/3/e/BVD

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